

Date: Wed, 28 Apr 93 07:09:44 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #511
To: Info-Hams

Info-Hams Digest Wed, 28 Apr 93 Volume 93 : Issue 511

Today's Topics:

Alinco DJ-162 Mod - (Here's How)
Cable TV Descrambler Sources?
Fast connect/disconnect (in/out) mobile rigs?
Looking for Article in Apr 92 "73"
Measuring SWR on Open Wire
QSL Aid?
STS-55 Rise-set times
subscribe
TS-50 Accessories
Want some advice.
Weather Service spotter?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 28 Apr 93 13:19:50 GMT
From: news-mail-gateway@ucsd.edu
Subject: Alinco DJ-162 Mod - (Here's How)
To: info-hams@ucsd.edu

I requested this mod from the net several times and received no responses.
This morning I see were NORWZ has posted his luck with a similar inquiry.
Well, I finally found it so here it is.

Extended RX/TX for Alinco DJ-162

1. Remove the battery pack.

- Remove the battery plate from the bottom of the radio.
2. Remove the back cover from the radio.
This is a tedious process. You must take the knobs off the top and remove the top plate first.
 3. Under the Battery clasp on the side of the radio
(The little sliding thumb switch that keeps the battery from falling off the radio)
you will find a yellow loop of wire. This loop is small and hard to get to. You will need a very small pair of cutters or scissors.

--Cut this wire.
 4. Put the radio back together
 5. Reset the radio. (You will lose your memories)
 6. Go to the VFO mode.
Pressing the 'B' key on the keypad will now allow you to cycle through the extended rx bands. It will cycle from 2 mtrs, am aircraft, to 800. The radio does NOT have the guts to receive 800. It just happens to be in the processor so don't waste your time listening.
 7. This same jumper also opens extended transmit.

Hope this helps out...

Ron Wright - KA5LUG
RON@ALPHA.NSULA.EDU

Date: 27 Apr 93 22:00:43 PST
From: pacbell.com!iggy.GW.Vitalink.COM!wetware!spunky.RedBrick.COM!psinntp!
psinntp!sfpp.com!longo@network.UCSD.EDU
Subject: Cable TV Descrambler Sources?
To: info-hams@ucsd.edu

In article <C5uzJ6.HMt@murdoch.acc.Virginia.EDU>, jvb7u@fermi.clas.Virginia.EDU
(Jon Brinkmann) writes:

> In article <C5qrA.6wr@feenix.metronet.com>, marchbg@feenix.metronet.com
> (Marc Grant) writes:
>>
>> Anyone know of any sources for these things?
>
> It is legal to buy a descrambler, but extremely ILLEGAL to connect it
> to your cable service! Cable companies are vigorously seeking out and

> prosecuting all offenders, so beware!
>
> Jon
--

I have always been curious - other than by SEEING the box, can they really tell? I've heard stories ranging from them connecting something to the cable that can detect bootleg boxes to vans driving down the street equipped with spectrum analyzers to sting operations where they broadcast a bogus offer for something free on a channel that would otherwise be encrypted and wait and see who calls. Is any of this true (except for the sting, which they actually did in New York)?

-Bob Longo

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=====+=====
Bob Longo (longo@sfp.com)      | "I am not gonna raise taxes on the
Santa Fe Pacific Pipelines    | middle class to pay for these
Los Angeles, CA               | programs." - Bill Clinton
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Date: Wed, 28 Apr 1993 13:02:56 GMT
From: pa.dec.com!e2big.mko.dec.com!nntpd.lkg.dec.com!otters.enet.dec.com!
j_otterson@decwrl.dec.com
Subject: Fast connect/disconnect (in/out) mobile rigs?
To: info-hams@ucsd.edu

I bought a Gamber-Johnson "Super Slide" from AES. It was somewhat expensive, but it uses a modified BNC connector for the RF connection, so there is little loss in the antenna connection. I bought an extra base for the thing, I can use my rig in either car.

Jeff

```
--
/-----\
| Jeff Otterson          | The opinions expressed here are |
| j_otterson@star.enet.dec.com | mine. Noone else should be held |
| Digital Equipment Corporation | responsible for my actions.      |
| 110 Spit Brook Rd. Nashua, NH | CENSORSHIP IS THE TOOL OF TYRANTS |
\-----/
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Date: Wed, 28 Apr 1993 13:02:40 GMT
From: iris.mbvlab.wpafb.af.mil!blackbird.afil.af.mil!cbrooks@uunet.uu.net
Subject: Looking for Article in Apr 92 "73"
To: info-hams@ucsd.edu

I'm trying to hunt down (for a friend) the article "Aero Antenna," found in the April '92 issue of _73_. If anyone out there has it, could you please reply to me so we can work out a fax?

Thanks,

--

Chris Brooks
cbrooks@afit.af.mil

Date: Wed, 28 Apr 1993 13:40:50 GMT
From: usc!howland.reston.ans.net!darwin.sura.net!udel!louie!huey.udel.edu!
hanavin@network.UCSD.EDU
Subject: Measuring SWR on Open Wire
To: info-hams@ucsd.edu

For a field theory experiment, we would like to measure the SWR on a 30 foot section of open wire line.

We are using a frequency of 146.00 Mhz

The open wire line has 9cm spacing with air dielectric, giving roughly a 540 ohm impedance. We were hoping to terminate it with a 540 ohm resistor, and using a field strength meter to measure the voltage maxs and mins along the line. Theory says, the electric field should be relatively constant along the line with the matched load, but we are seeing large variations of field strength along the line. Hooking a SWR bridge between the transmitter and line shows about 1.2 to 1 SWR

Does anybody have any suggestions on how to do this?

Thanks-Chuck

Date: Wed, 28 Apr 1993 13:18:11 GMT
From: usc!howland.reston.ans.net!darwin.sura.net!haven.umd.edu!wam.umd.edu!
ham@network.UCSD.EDU
Subject: QSL Aid?
To: info-hams@ucsd.edu

I am nearing DXCC and could use some help on these QSL cards:

EA9IB (Melilla Is., I think)
CT3DZ (Madeira Is.)
EA6MQ (Balearic Is.)
CU3FP (Azores Is.)

4N4XX (YU4XX address)

I don't think any of these people have QSL managers, and my DX Callbook is a little out of date, so if anyone could help me by looking these people up in a '92 or '93 callbook, I would be very grateful.

Thanks!

--

73,

 \ / Long
Scott Rosenfeld Amateur Radio NF3I Burtonsville, MD | Live

WAC CW/SSB WAS 80% of the way to DXCC -----| Dipoles!

Date: 28 Apr 93 10:36:02 GMT
From: news-mail-gateway@ucsd.edu
Subject: STS-55 Rise-set times
To: info-hams@ucsd.edu

SB SAREX@AMSAT \$STS-55.006
STS-55 East Coast Rise/Set Times, 4/28-30

Below are the rise and set times for STS-55 for selected US cities over the next three days. This data was generated to help hams without orbit programs to participate in the SAREX activities. Please note that the times shown are UTC and NOT LOCAL TIME. This listing includes only those passes with an elevation greater than 5 degrees. For information regarding SAREX frequencies and operations procedures, check your local PBBS, or bulletins from W1AW, W5RRR, W6VIO or WA3NAN.

New York City

STS-55 Element Set JSC-007

date	rise	tca	set	el	geo	orbit
28Apr93	13:32:40	13:35:59	13:38	6	D-W	32
29Apr93	12:04:53	12:08:04	12:10	6	A-E	47
29Apr93	13:39:56	13:43:07	13:45	6	D-W	48
30Apr93	12:11:34	12:14:59	12:17	6	D-E	63

Washington D.C.

STS-55 Element Set JSC-007

date	rise	tca	set	el	geo	orbit
28Apr93	11:57:02	12:00:16	12:03	6	A-E	31
28Apr93	13:31:40	13:35:24	13:38	9	D-E	32
28Apr93	15:07:12	15:10:32	15:13	6	D-W	33
29Apr93	12:03:52	12:07:25	12:10	8	A-E	47
29Apr93	13:38:55	13:42:34	13:45	9	D-W	48
30Apr93	10:36:07	10:39:16	10:41	5	A-E	62
30Apr93	12:10:41	12:14:22	12:17	9	D-E	63
30Apr93	13:45:59	13:49:31	13:52	7	D-W	64

Atlanta, GA

STS-55 Element Set JSC-007

date	rise	tca	set	el	geo	orbit
28Apr93	11:54:21	11:58:19	12:01	12	A-E	31
28Apr93	13:29:18	13:33:42	13:37	24	A-E	32
28Apr93	15:04:48	15:09:10	15:13	22	D-W	33
28Apr93	16:40:46	16:44:30	16:47	9	D-W	34
29Apr93	10:27:08	10:30:19	10:33	6	A-E	46
29Apr93	12:01:27	12:05:34	12:09	18	A-E	47
29Apr93	13:36:36	13:41:01	13:44	26	D-W	48
29Apr93	15:12:14	15:16:26	15:20	17	D-W	49
29Apr93	16:48:42	16:51:41	16:54	5	D-W	50
30Apr93	10:33:22	10:37:17	10:40	10	A-E	62
30Apr93	12:08:17	12:12:38	12:16	23	A-E	63
30Apr93	13:43:37	13:48:05	13:52	23	D-W	64
30Apr93	15:19:29	15:23:27	15:26	11	D-W	65

Miami, FL

STS-55 Element Set JSC-007

date	rise	tca	set	el	geo	orbit
28Apr93	10:18:58	10:23:09	10:26	17	A-E	30
28Apr93	11:54:12	11:58:43	12:02	84	A-E	31
28Apr93	13:29:58	13:34:33	13:38	43	D-W	32
28Apr93	15:05:48	15:10:27	15:14	63	D-E	33
28Apr93	16:41:37	16:46:07	16:50	30	D-W	34
28Apr93	18:18:26	18:21:31	18:24	5	D-W	35

29Apr93	08:51:54	08:55:04	08:57	6	A-E	45
29Apr93	10:26:06	10:30:27	10:34	33	A-E	46
29Apr93	12:01:39	12:06:09	12:10	60	A-W	47
29Apr93	13:37:28	13:42:03	13:46	44	D-E	48
29Apr93	15:13:14	15:17:53	15:22	78	D-W	49
29Apr93	16:49:16	16:53:25	16:57	15	D-W	50
30Apr93	08:57:59	09:02:05	09:05	13	A-E	61
30Apr93	10:33:01	10:37:37	10:41	66	A-E	62
30Apr93	12:08:50	12:13:24	12:17	45	A-W	63
30Apr93	13:44:36	13:49:19	13:53	55	D-E	64
30Apr93	15:20:23	15:25:02	15:29	39	D-W	65
30Apr93	16:56:56	17:00:27	17:03	7	D-W	66

Compiled by Dan Schultz, N8FGV

Submitted by Frank H. Bauer, KA3HDO for the SAREX Working Group
/EX

SB SAREX@AMSAT \$STS-55.007

STS-55 Central US Rise/Set Times, 4/28-30

Below are the rise and set times for STS-55 for selected US cities over the next three days. This data was generated to help hams without orbit programs to participate in the SAREX activities. Please note that the times shown are UTC and NOT LOCAL TIME. This listing includes only those passes with an elevation greater than 5 degrees. For information regarding SAREX frequencies and operations procedures, check your local PBBS, or bulletins from W1AW, W5RRR, W6VIO or WA3NAN.

Chicago, IL

STS-55 Element Set JSC-007

date	rise	tca	set	el	geo	orbit
29Apr93	13:37:20	13:40:21	13:42	5	D-E	48
30Apr93	13:44:11	13:47:14	13:49	5	D-W	64

Huntsville, AL

STS-55 Element Set JSC-007

date	rise	tca	set	el	geo	orbit
28Apr93	11:54:13	11:57:56	12:01	9	A-E	31
28Apr93	13:28:57	13:33:14	13:37	19	A-E	32
28Apr93	15:04:21	15:08:38	15:12	19	D-W	33

28Apr93	16:40:17	16:43:56	16:47	9	D-W	34
29Apr93	12:01:13	12:05:09	12:08	14	A-E	47
29Apr93	13:36:12	13:40:31	13:44	21	D-E	48
29Apr93	15:11:47	15:15:54	15:19	15	D-W	49
30Apr93	10:33:17	10:36:54	10:40	8	A-E	62
30Apr93	12:07:57	12:12:11	12:15	18	A-E	63
30Apr93	13:43:11	13:47:35	13:51	20	D-W	64
30Apr93	15:19:00	15:22:54	15:26	10	D-W	65

Houston, TX

STS-55 Element Set JSC-007

date	rise	tca	set	el	geo	orbit
28Apr93	11:51:42	11:55:38	11:59	14	A-E	31
28Apr93	13:26:34	13:31:08	13:35	44	A-E	32
28Apr93	15:02:10	15:06:48	15:10	66	D-E	33
28Apr93	16:37:54	16:42:25	16:46	32	D-W	34
28Apr93	18:14:08	18:17:49	18:21	9	D-W	35
29Apr93	10:24:30	10:27:36	10:30	5	A-E	46
29Apr93	11:58:40	12:02:55	12:06	24	A-E	47
29Apr93	13:34:00	13:38:30	13:42	60	A-E	48
29Apr93	15:09:35	15:14:11	15:18	54	D-W	49
29Apr93	16:45:25	16:49:43	16:53	20	D-W	50
30Apr93	10:30:36	10:34:35	10:38	11	A-E	62
30Apr93	12:05:31	12:10:02	12:14	38	A-E	63
30Apr93	13:41:04	13:45:41	13:49	67	D-E	64
30Apr93	15:16:42	15:21:20	15:25	38	D-W	65
30Apr93	16:52:47	16:56:45	17:00	11	D-W	66

Seattle, WA

STS-55 Element Set JSC-007

date	rise	tca	set	el	geo	orbit
28Apr93	passes =	0				
29Apr93	passes =	0				
30Apr93	passes =	0				

Compiled by Dan Schultz, N8FGV

Submitted by Frank H. Bauer, KA3HDO for the SAREX Working Group

/EX

SB SAREX@AMSAT \$STS-55.008

STS-55 Western US Rise/Set Times, 4/28-30

Below are the rise and set times for STS-55 for selected US cities over the next three days. This data was generated to help hams without orbit programs to participate in the SAREX activities. Please note that the times shown are UTC and NOT LOCAL TIME. This listing includes only those passes with an elevation greater than 5 degrees. For information regarding SAREX frequencies and operations procedures, check your local PBBS, or bulletins from W1AW, W5RRR, W6VIO or WA3NAN.

Denver, CO

	STS-55 Element Set JSC-007					
date	rise	tca	set	el	geo	orbit
28Apr93	15:01:10	15:04:43	15:07	8	D-E	33
28Apr93	16:36:29	16:39:49	16:42	6	D-W	34
29Apr93	13:33:33	13:36:46	13:39	6	A-E	48
29Apr93	15:08:19	15:11:52	15:14	8	D-W	49
30Apr93	13:40:13	13:43:41	13:46	7	A-E	64
30Apr93	15:15:18	15:18:48	15:21	7	D-W	65

Albuquerque, NM

	STS-55 Element Set JSC-007					
date	rise	tca	set	el	geo	orbit
28Apr93	13:25:11	13:28:58	13:32	10	A-E	32
28Apr93	15:00:01	15:04:17	15:08	19	A-E	33
28Apr93	16:35:27	16:39:39	16:43	16	D-W	34
28Apr93	18:11:32	18:14:55	18:17	7	D-W	35
29Apr93	13:32:14	13:36:12	13:39	14	A-E	48
29Apr93	15:07:16	15:11:33	15:15	19	D-W	49
29Apr93	16:42:55	16:46:54	16:50	12	D-W	50
30Apr93	12:04:14	12:07:56	12:11	8	A-E	63
30Apr93	13:39:00	13:43:13	13:46	18	A-E	64
30Apr93	15:14:17	15:18:36	15:22	18	D-W	65
30Apr93	16:50:13	16:53:53	16:57	8	D-W	66

Los Angeles, CA

STS-55 Element Set JSC-007

date	rise	tca	set	el	geo	orbit
28Apr93	13:23:08	13:26:27	13:29	6	A-E	32
28Apr93	14:57:29	15:01:43	15:05	18	A-E	33
28Apr93	16:32:45	16:37:09	16:41	23	D-W	34
28Apr93	18:08:27	18:12:32	18:16	14	D-W	35
29Apr93	13:29:55	13:33:39	13:36	11	A-E	48
29Apr93	15:04:46	15:09:00	15:12	22	A-E	49
29Apr93	16:40:07	16:44:26	16:48	21	D-W	50
29Apr93	18:16:04	18:19:45	18:22	9	D-W	51
30Apr93	12:02:19	12:05:26	12:08	5	A-E	63
30Apr93	13:36:31	13:40:40	13:44	16	A-E	64
30Apr93	15:11:42	15:16:04	15:19	24	D-W	65
30Apr93	16:47:14	16:51:29	16:55	16	D-W	66
30Apr93	18:23:41	18:26:43	18:29	5	D-W	67

Honolulu, HI

STS-55 Element Set JSC-007

date	rise	tca	set	el	geo	orbit
28Apr93	00:15:31	00:19:01	00:22	7	D-W	23
28Apr93	14:47:35	14:51:51	14:55	19	A-E	33
28Apr93	16:22:59	16:27:29	16:31	54	A-W	34
28Apr93	17:59:09	18:03:27	18:07	19	A-W	35
28Apr93	19:35:19	19:39:37	19:43	18	D-E	36
28Apr93	21:11:01	21:15:38	21:19	47	D-E	37
28Apr93	22:46:54	22:51:17	22:55	23	D-W	38
29Apr93	13:20:31	13:23:43	13:26	6	A-E	48
29Apr93	14:54:45	14:59:11	15:03	44	A-E	49
29Apr93	16:30:35	16:34:57	16:38	29	A-W	50
29Apr93	18:06:54	18:11:03	18:14	17	D-W	51
29Apr93	19:42:46	19:47:11	19:51	23	D-E	52
29Apr93	21:18:26	21:23:04	21:27	78	D-W	53
29Apr93	22:54:46	22:58:35	23:01	10	D-W	54
30Apr93	13:26:36	13:30:46	13:34	14	A-E	64
30Apr93	15:01:46	15:06:22	15:10	74	A-W	65
30Apr93	16:37:57	16:42:16	16:46	21	A-W	66
30Apr93	18:14:11	18:18:25	18:22	17	D-E	67
30Apr93	19:49:51	19:54:29	19:58	37	D-E	68
30Apr93	21:25:38	21:30:12	21:34	31	D-W	69

Compiled by Dan Schultz, N8FGV
Submitted by Frank H. Bauer, KA3HDO for the SAREX Working Group
/EX

SB SAREX@AMSAT \$STS-55.009
STS-55 Worldwide Rise/Set Times, 4/28-30

Below are the rise and set times for STS-55 for selected worldwide cities over the next three days. This data was generated to help hams without orbit programs to participate in the SAREX activities. Please note that the times shown are UTC and NOT LOCAL TIME. This listing includes only those passes with an elevation greater than 5 degrees. For information regarding SAREX frequencies and operations procedures, check your local PBBS, or bulletins from W1AW, W5RRR, W6VIO or WA3NAN.

London, England

STS-55 Element Set JSC-007

date	rise	tca	set	el	geo	orbit
28Apr93	passes =	0				
29Apr93	passes =	0				
30Apr93	passes =	0				

Paris, France

STS-55 Element Set JSC-007

date	rise	tca	set	el	geo	orbit
28Apr93	passes =	0				
29Apr93	passes =	0				
30Apr93	passes =	0				

Tokyo

STS-55 Element Set JSC-007

date	rise	tca	set	el	geo	orbit
28Apr93	01:35:38	01:39:21	01:42	9	D-W	24
28Apr93	20:57:21	21:01:06	21:04	10	A-E	37
28Apr93	22:32:11	22:36:24	22:40	17	D-E	38
29Apr93	00:07:13	00:11:19	00:14	14	D-W	39
29Apr93	01:43:25	01:46:32	01:49	5	D-W	40
29Apr93	21:04:24	21:08:19	21:11	14	A-E	53
29Apr93	22:39:26	22:43:39	22:47	17	D-W	54

30Apr93	00:14:23	00:18:19	00:21	11	D-W	55
30Apr93	19:36:23	19:40:05	19:43	8	A-E	68
30Apr93	21:11:10	21:15:20	21:19	16	A-E	69
30Apr93	22:46:27	22:50:41	22:54	15	D-W	70

Sydney

STS-55 Element Set JSC-007

date	rise	tca	set	el	geo	orbit
28Apr93	08:08:13	08:12:02	08:15	11	D-E	28
28Apr93	09:43:04	09:47:23	09:51	22	D-E	29
28Apr93	11:18:31	11:22:49	11:26	22	A-W	30
28Apr93	12:54:26	12:58:09	13:01	10	A-W	31
29Apr93	06:41:10	06:44:02	06:46	5	D-E	43
29Apr93	08:15:09	08:19:16	08:22	16	D-E	44
29Apr93	09:50:20	09:54:41	09:58	24	A-E	45
29Apr93	11:25:56	11:30:06	11:33	17	A-W	46
29Apr93	13:02:16	13:05:21	13:07	5	A-W	47
30Apr93	06:47:14	06:50:59	06:54	9	D-E	59
30Apr93	08:21:56	08:26:19	08:30	21	D-E	60
30Apr93	09:57:20	10:01:45	10:05	23	A-W	61
30Apr93	11:33:09	11:37:07	11:40	12	A-W	62

Compiled by Dan Schultz, N8FGV

Submitted by Frank H. Bauer, KA3HDO for the SAREX Working Group
/EX

Date: 29 Apr 93 02:25:54 GMT
From: news-mail-gateway@ucsd.edu
Subject: subscribe
To: info-hams@ucsd.edu

please let me know how to subscribe

Date: 28 Apr 93 07:48:11 EDT
From: usc!howland.reston.ans.net!darwin.sura.net!sgiblab!wetware!
spunky.RedBrick.COM!psinntp!psinntp!arrl.org@network.UCSD.EDU
Subject: TS-50 Accessories
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, turini@gdls.com (Bill Turini) writes:

>I called a Ham radio store (name escapes me) to check on the availability of
>accessories for the TS-50 and what you actually needed to operate the gear.
>I was told that the CW xtal filters weren't in the country yet, nor was the
>txco or the antenna tuner.
>
>Can anyone confirm or deny this? Am I being fed a bunch of ?

The AT-50 tuner and 500-Hz CW filter are both available in this country. So is the MB-13 mobile mounting bracket. The AT-50 and MB-13 became available shortly after the radio, and the CW filter showed up about three weeks ago at a major dealer.

--73, Rus

Rus Healy, NJ2L	rhealy@arrl.org
Senior Assistant Technical Editor, QST	Tel 203-666-1541
ARRL, 225 Main St, Newington CT 06111-1494	Fax 203-665-7531
1.8 through 3456 MHz -- and climbing!	

Date: Tue, 27 Apr 1993 22:19:32 GMT
From: usc!howland.reston.ans.net!zaphod.mps.ohio-state.edu!rpi!rs6205.ecs.rpi.edu!
maessm@network.UCSD.EDU
Subject: Want some advice.
To: info-hams@ucsd.edu

In article <gJaL3B3w165w@jackatak.raider.net>, martinbw@jackatak.raider.net (Bruce Martin) writes:

|> seems to make a good mobile HF rig. Also, what antenna should I
|> get. I am considering the MFJ-1796 halfwave vertical, the Cushcraft
|> R7 halfwave vertical, or a GAP Challenger DX-VI. I live on a small
|> lot with one scrawny tree and no room for a lot of wires or ground
|> radials.

I can definitely put in a recommendation for the GAP vertical. Just remember to guy it if you have any sort of wind in your neck of the woods.

The description you gave of the Scout sounds a lot like a modified version of my Ten-Tec Argosy II. 50 or 5 watts out, 80-10, cw and ssb. I have worked all 50 states and 62 countries on that rig and the GAP antenna. One thing you will find about Ten-Tec rigs is that they are built like tanks and are user-servicable. They don't even void the warranty if you modify the radio!

Ten-Tec also has one of the best service departments of any company I have ever done business with. When I had a problem with the digital display on my Argosy, I called them up and spoke to one of the engineers who had designed the radio. He told me exactly what was wrong and agreed to send me a replacement part. Total cost: \$16.50 + phone call to Tennessee.

If you can find one, an Argosy II will probably go for \$250-\$350 used depending on its condition. However, I'm definitely not selling mine! :)

```
|> *****
|> * Bruce W. Martin          Internet: martinbw@jackatak.raider.net *
|> * 4558 Brooke Valley Dr.   AOL:      Dragon16 *
|> * Hermitage TN 37076-2650  HAM Call: KD4WYG/AA *
|> * Voice:      (615) 872-9942 *
|> * FAX/MODEM:  (615) 885-4182 *
|> *****
```

--

Mat Maessen N2NJZ | maessm@rpi.edu

-----+-----
disclaimer: Anyone NOT singing will have a can of Foster's lobbed at their heads.

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Date: 28 Apr 93 13:13:25 GMT
From: news-mail-gateway@ucsd.edu
Subject: Weather Service spotter?
To: info-hams@ucsd.edu

>Date: Tue, 27 Apr 1993 05:10:42 GMT
>From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!gatech!news-fee>d-1.peachnet.edu!darwin.sura.net!newsserver.jvnc.net!stevens-tech.edu!vaxc.stev>ens-tech.edu!u96_sarmstro@network.UCSD.
>Subject: Weather Service spotter?
>To: info-hams@ucsd.edu

> I was wondering if anybody out there knows the procedure for
>becoming a National Weather Service Skywatch/Skywarn Spotter. I just
>passed my tests (Technician-No code) and am interested in joining.
>Any help in this matter would be appreciated.

> Scott

Contact your local National Weather Service Office. Look in the phone

book under U. S. Government, Dept of Commerce, National Weather Service.
Ask for the WCM (Warning Coordination Meteorologist) or the MIC
(Meteorologist In Charge). They usually provides the training
for the spotters.

David M. Ihle Internet dihle@awis.auburn.edu |
WB5MSB Amateur radio WB5MSB@K4RY.#CENAL.AL.USA.NOAM |
NOAA/National Weather Service (205) 844-4514 (voice) |
SE Ag Weather Service Center (205) 887-4511 (FTS) |
Auburn University, Alabama (205) 844-5933 (FAX)

Date: 28 Apr 1993 12:57:43 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
darwin.sura.net!news.larc.nasa.gov!grissom.larc.nasa.gov!kludge@network.UCSD.EDU
To: info-hams@ucsd.edu

References <1993Apr21.224157.3916@csdvax.csd.unsw.edu.au>,
<Zkuk3B2w165w@jackatak.raider.net>, <1993Apr27.200819.3257@unet.net.com>om.larc.
Subject : Re: AM Moulation Question

In article <1993Apr27.200819.3257@unet.net.com> rmt@pioneer.net.com (Richard
Tweedie) writes:

>
>Actually, there is grid modulation, screen grid modulation, supressor
>grid modulation and even cathode modulation. The different grid
>modulation types produce the required modulation with **MUCH** less
>power and expense than plate modulation. When I was a young ham
>(in the AM age) it was explained that plate modulation put out
>"much more sideband power". Neat explanation, put unfortunately
>not entirely true unless the plate modulation was greater than
>100 %. 90% modulation from any of the methods gives you the same
>sideband power on a spectrum analyzer--I know because I measured it
>to settle an argument. Linearity may be an issue here for a music
>station, I have never measured the differences as it did not seem to
>be any different listening to voice. I do suspect that grid modulation
>would be more non linear than screen or plate modulation.

The linearity is definitely the issue here, and the plate modulation seems
to be much more linear than screen modulation. For music broadcast, this
is much more important than for communication service.

It is possible to go over 100% modulation on positive peaks for very brief
amounts of time....

--scott

End of Info-Hams Digest V93 #511
